

L1 1 S US 20070244203/PN

FILE 'REGISTRY' ENTERED AT 09:08:37 ON 21 OCT 2010

L2 1 S 9003-01-4/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 09:09:05 ON 21 OCT 2010

L3 1 S 9016-00-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 09:10:45 ON 21 OCT 2010

L4 1 S 31900-57-9/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 09:12:33 ON 21 OCT 2010

L5 14455 S L3 AND L4
L6 0 S L3 (L) L4
L7 720 S L5 AND (DRUG DELIVERY SYSTEMS/IT OR MEDICAL GOODS/IT)
L8 693 S L7 AND (PY<=2007 OR AY<=2007 OR PRY<=2007)

FILE 'REGISTRY' ENTERED AT 09:17:00 ON 21 OCT 2010

L9 1 S 9003-01-4/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 09:17:26 ON 21 OCT 2010

L10 1 S 57-11-4/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 09:17:45 ON 21 OCT 2010

L11 1 S 79-06-1/RN
SET NOTICE 1 DISPLAY
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FILE 'REGISTRY' ENTERED AT 09:18:11 ON 21 OCT 2010

L12 1 S 471-34-1/RN
SET NOTICE 1 DISPLAY
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FILE 'REGISTRY' ENTERED AT 09:18:30 ON 21 OCT 2010

L13 1 S 1332-37-2/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 09:18:55 ON 21 OCT 2010

L14 1 S 1344-28-1/RN
SET NOTICE 1 DISPLAY
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FILE 'REGISTRY' ENTERED AT 09:19:21 ON 21 OCT 2010

L15 1 S 7631-86-9/RN
SET NOTICE 1 DISPLAY
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FILE 'REGISTRY' ENTERED AT 09:19:52 ON 21 OCT 2010
L16 1 S 7782-42-5/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 09:20:10 ON 21 OCT 2010
L17 1 S 9002-89-5/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 09:21:56 ON 21 OCT 2010
E COLONIAL 1360/CN
SET EXPAND CONTINUOUS
E 27323-41-7/RN
L18 1 S E15
E ULTRAWET 60L/CN
L19 1 S E27
L20 0 S L8 AND L19

FILE 'CAPLUS' ENTERED AT 09:24:58 ON 21 OCT 2010
L21 1 S L8 AND L19

FILE 'CAPLUS' ENTERED AT 09:25:58 ON 21 OCT 2010
L22 4 S L3 AND L4 AND L19
L23 3 S L22 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)

L23 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN
AB Making a silicone-in-water emulsion occurs by forming a hydrophobic phase containing a silicone component selected from a silicone fluid, silicone gum, a silicone rubber, a silicone elastomer, a silicone resin, or a mixture thereof; the silicone in the hydrophobic phase having a viscosity of at least 1,000 mm²/s to 5,000,000,000 mm²/s at 23°, mixing ≥1 surfactants with the hydrophobic phase, adding 0.5-10% H₂O to the hydrophobic phase and shear mixing in a twin-screw extruder to form a silicone-in-water emulsion, and (v) optionally, diluting the silicone-in-water emulsion by the addition of water; the method carried out in the absence of a solvent other than solvents present in the silicone fluid.

ACCESSION NUMBER: 2008:1189335 CAPLUS Full-text
DOCUMENT NUMBER: 149:426542
TITLE: Emulsification of fluid or gum or rubber and making silicone-in-water emulsions
INVENTOR(S): Barnes, Kathleen; Rochlitz, Walker L.; Shim, Anne; Katja; Suhr, Lindsey M.; Tabler, Raymond Lee; Tascarella, David Shawn
PATENT ASSIGNEE(S): Dow Corning Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 7 pp., Cont.-in-part of U.S. Ser. No. 559,525.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
CODEN: USXXCO

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20080242744 20080501 <--	A1	20081002	US 2008-113395	
WO 2005016998 20040419 <--	A2	20050224	WO 2004-US12001	
WO 2005016998 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,	A3	20050421		
GB, GD, KZ, LC, NA, NI, SL, SY, ZM, ZW	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,			
AM, AZ, DK, EE, SE, SI, NE, SN,	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,			
TD, TG				
US 20060135626 20051206 <--	A1	20060622	US 2005-559525	
US 7385001 PRIORITY APPLN. INFO.: 20030723 <--	B2	20080610	US 2003-489405P	P
20040419			WO 2004-US12001	W
20051206			US 2005-559525	A2
20070703			US 2007-947694P	P

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
INCL 516055000

IPCI B01F0003-08 [I,A]

IPCR B01F0003-08 [I,C]; B01F0003-08 [I,A]

NCL 516/055.000

CC 37-3 (Plastics Manufacture and Processing)

Section cross-reference(s): 39

IT 31900-57-9, Polydimethylsiloxane

RL: PEP (Physical, engineering or chemical process); TEM
(Technical or
engineered material use); PROC (Process); USES (Uses)

(assumed monomers; making silicone-in-water emulsions)

IT 27323-41-7, Bio-Soft N-300

RL: NUU (Other use, unclassified); USES (Uses)

(making silicone-in-water emulsions)

IT 9016-00-6, Polydimethylsiloxane 31692-79-2, Hydroxy terminated polydimethylsiloxane 42557-10-8, Trimethylsilyl-terminated polydimethylsiloxane 156048-35-0D, Dimethylsilanediol;phenylmethylsilanediol copolymer, dimethylvinylsilyl-terminated
RL: PEP (Physical, engineering or chemical process); TEM
(Technical or
engineered material use); PROC (Process); USES (Uses)
(making silicone-in-water emulsions)

IT Alcohols
RL: NUU (Other use, unclassified); USES (Uses)
(C11-15-secondary, ethoxylated; making silicone-in-water emulsions)

IT Emulsification
Surfactants
(making silicone-in-water emulsions)

IT MQ resins
Polysiloxanes
Silicone rubber
RL: PEP (Physical, engineering or chemical process); TEM
(Technical or
engineered material use); PROC (Process); USES (Uses)
(making silicone-in-water emulsions)

IT Emulsions
(oil-in-water; making silicone-in-water emulsions)

IT 9002-92-0, Brij 30
RL: NUU (Other use, unclassified); USES (Uses)
(Brij 35L; making silicone-in-water emulsions)

IT 1343-98-2D, Silicic acid, organosilylated
RL: PEP (Physical, engineering or chemical process); TEM
(Technical or
engineered material use); PROC (Process); USES (Uses)
(MQ derivs.; making silicone-in-water emulsions)

IT 31900-57-9, Polydimethylsiloxane
RL: PEP (Physical, engineering or chemical process); TEM
(Technical or
engineered material use); PROC (Process); USES (Uses)
(assumed monomers; making silicone-in-water emulsions)

IT 27323-41-7, Bio-Soft N-300
RL: NUU (Other use, unclassified); USES (Uses)
(making silicone-in-water emulsions)

IT 9016-00-6, Polydimethylsiloxane 31692-79-2, Hydroxy terminated polydimethylsiloxane 42557-10-8, Trimethylsilyl-terminated polydimethylsiloxane 156048-35-0D, Dimethylsilanediol;phenylmethylsilanediol copolymer, dimethylvinylsilyl-terminated
RL: PEP (Physical, engineering or chemical process); TEM
(Technical or
engineered material use); PROC (Process); USES (Uses)
(making silicone-in-water emulsions)

FILE 'REGISTRY' ENTERED AT 09:50:08 ON 21 OCT 2010
E 31692-79-2/RN

L1 1 S US 20070244203/PN

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
AB A controlled-release composition for topical application to a substrate includes an oil-in-water emulsion and an active agent incorporated into the oil-in-water emulsion. The oil-in-water emulsion is substantially free of lipophilic solvent and is formed by mech. inversion of a water-in-oil emulsion. The water-in-oil emulsion includes a silicone component, a surfactant, and water. A method of delivering the active agent to the substrate provides the oil-in-water emulsion and incorporates the active agent into the oil-in-water emulsion for delivery of the active agent to the substrate upon application of the oil-in-water emulsion to the substrate. Compns. contained niacinamide and emulsions containing DC 193 Fluid and Emulsifier 10.

ACCESSION NUMBER: 2005:423730 CAPLUS Full-text
DOCUMENT NUMBER: 142:469280
TITLE: A controlled-release composition for topical application comprising an oil-in-water emulsion
INVENTOR(S): Raul, Victor A.; Thomas, Xavier Jean-Paul;
Shim, Anne
PATENT ASSIGNEE(S): K.; Schalau, Gerald K., II; Cabala, Janelle L.
Dow Corning Corporation, USA
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005044232 20041027	A1	20050519	WO 2004-US35619	
CA, CH, GB, GD, KZ, LC, NA, NI, SL, SY, ZM, ZW	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,			
ZW, AM, DE, DK, RO, SE,	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT,			

SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE,

SN, TD, TG

EP 1677762 A1 20060712 EP 2004-796529
20041027

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
MC, PT,
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
CN 1874755 A 20061206 CN 2004-80031651
20041027

JP 2007509954 T 20070419 JP 2006-538212
20041027

AT 424816 T 20090315 AT 2004-796563
20041027

US 20070244203 A1 20071018 US 2007-576991
20070306 <--
PRIORITY APPLN. INFO.: US 2003-514709P P
20031027 WO 2004-US35619 W
20041027

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT Gums and Mucilages
Surfactants
Thickening agents
(controlled-release composition for topical application
comprising an
oil-in-water emulsion)

IT Carbon black, biological studies
Diatomite
Polysaccharides, biological studies
Polysiloxanes, biological studies
RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(controlled-release composition for topical application
comprising an
oil-in-water emulsion)

IT Medical goods
(dressings; controlled-release composition for topical
application
comprising an oil-in-water emulsion)

IT Drug delivery systems
(emulsions, controlled-release, topical; controlled-release
composition for
topical application comprising an oil-in-water emulsion)

IT Polysiloxanes, biological studies
RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(polyoxyalkylene-; controlled-release composition for topical
application
comprising an oil-in-water emulsion)

IT Polyoxyalkylenes, biological studies
RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(polysiloxane-; controlled-release composition for topical
application
comprising an oil-in-water emulsion)

IT 9003-01-4D, crosslinked

RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (Carbomer; controlled-release composition for topical
 application comprising
 an oil-in-water emulsion)
 IT 57-11-4, Stearic acid, biological studies 79-06-1D, Acrylamide,
 copolymers 471-34-1, Calcium carbonate, biological studies
 1332-37-2,
 Iron oxide, biological studies 1344-28-1, Alumina, biological
 studies
 7631-86-9, Silica, biological studies 7782-42-5, Graphite,
 biological
 studies 9002-89-5, Polyvinyl alcohol 9003-01-4, Polyacrylic
 acid
 9003-39-8, Pvp 9004-34-6D, Cellulose, derivs. 9016-00-6,
 Polydimethylsiloxane 13463-67-7, Titania, biological studies
 14808-60-7, Quartz, biological studies 21645-51-2, Aluminum
 hydroxide,
 biological studies 25167-67-3D, Butene, copolymers 31900-57-9,
 Polydimethylsiloxane 145686-74-4, Emulsifier 10
 RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (controlled-release composition for topical application
 comprising an
 oil-in-water emulsion)
 IT 98-92-0, Niacinamide 65277-42-1, Ketoconazole
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (controlled-release composition for topical application
 comprising an
 oil-in-water emulsion)

FILE 'REGISTRY' ENTERED AT 14:21:21 ON 25 OCT 2010
 L2 1 S 9003-01-4/RN
 SET NOTICE 1 DISPLAY
 SET NOTICE LOGIN DISPLAY
 L3 151523 S (?SILOXANE? OR ?SILICON?)
 L4 116781 S (POLYSILOXANE? OR SILICON?)
 L5 563 S (POLYDIMETHYLSILOXANE?)
 L6 117331 S L4 OR L5
 0 S L6 (L) (EMULSION? OR EMULSIFI?)
 L8 0 S L4 (L) EMULSION?
 L9 3 S L4 AND EMULSION?
 L10 1 S L5 AND EMULSION?
 L11 1 S L4 AND EMULSIF?
 L12 0 S L5 AND EMULSIF?
 L13 4 S L4 AND EMULS?
 L14 1 S L5 AND EMULS?
 L15 4 S L9-L14

FILE 'CAPLUS' ENTERED AT 14:30:02 ON 25 OCT 2010
 L16 1603401 S L4 OR L5
 L17 4613 S L16 (L) EMULSION?
 L18 882 S L16 (L) EMULSIF?
 L19 3679 S L16 (L) SUSPENSION?
 L20 7094 S L16 (L) DISPERSION?

L21 1603401 S L16-20
L22 4087 S L21 AND (MEDICAL GOODS/IT)
L23 8865 S L21 AND (DRUG DELIVERY SYSTEMS/IT)
L24 12306 S L22 OR L23
L25 5054 S L24 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)
L26 1519 S (SILICONE FLUID?)
L27 12477 S SILICON? (L) FLUID?
L28 164 S L24 AND L27
L29 75 S L28 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)

FILE 'CAPLUS' ENTERED AT 16:00:42 ON 25 OCT 2010

FILE 'REGISTRY' ENTERED AT 16:00:46 ON 25 OCT 2010

SET EXPAND CONTINUOUS
L30 1 S E2
E DC 360/CN
L31 1 S E15